

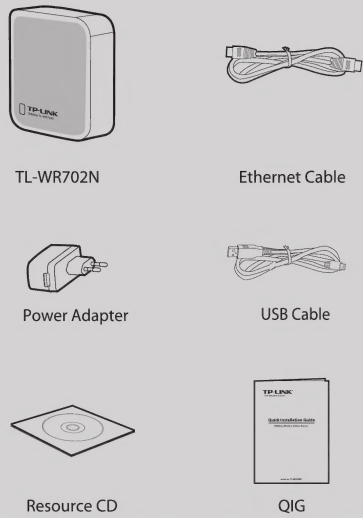
## Quick Installation Guide

150Mbps Wireless N Nano Router

MODEL NO. TL-WR702N

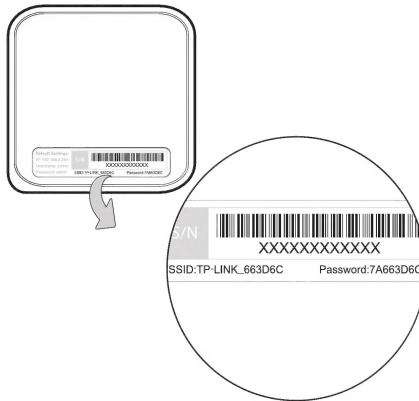
7106504353 REV1.1.0

### Package Contents



### Hardware Introduction

Before hardware connection, please write down the **SSID** and **Password** of your TL-WR702N on the label for later use. Both are **case-sensitive**.



- \* **SSID**: Wireless Network Name of TL-WR702N.
- \* **Password**: Pre-encryption password of TL-WR702N.

TL-WR702N LED:

Status	Indication
Solid	The device is ready to work.
Flashing	The Device is booting or rebooting.



**LAN/WAN**: This port works as LAN in AP/Repeater/ Bridge/Client mode and as WAN in Router mode.

**Power**: This port is used to connect the provided power adapter.

**Reset**: It is used to reset the TL-WR702N to its factory defaults.



For more detailed information about **Reset**, please refer to **Appendix: Troubleshooting**.

## Operating Modes

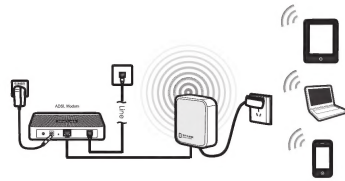
### 1 AP Mode (default mode)

The default operation mode is AP mode. In this mode, TL-WR702N can convert wired network to wireless network.



### 2 Router Mode

As a wireless router, TL-WR702N enables multi-user to share Internet via DSL/Cable Modem.



### 3 Repeater Mode

TL-WR702N is used to extend the range of wireless signal of the existing AP or wireless router.



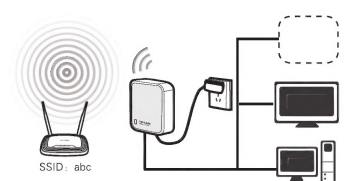
### 4 Bridge Mode

On this mode, the only wired port works as LAN. Computer could connect to the device by either wired or wireless way.



### 5 Client Mode

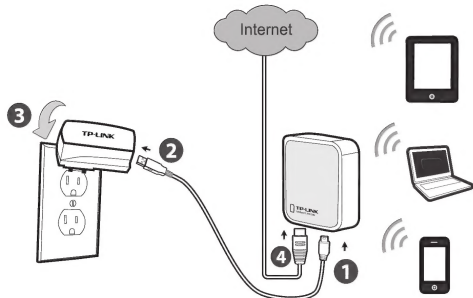
Use as a wireless adapter for wired-only Ethernet enabled devices. This mode is suitable for connecting Smart TVs, game consoles, or computers to your wireless network.



## Instant Wireless Connection

The examples illustrated below are from Windows7. If you are using a different Windows OS, or a Mac OS, your screenshots may look different, but the procedure is the same.

- According to the steps below, you can finish the hardware connection of TL-WR702N. **Wait until the LED is solid.**

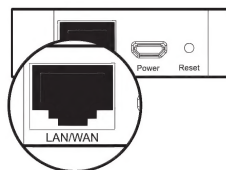


- Step 1**: Connect one end of the provided USB cable to micro USB port of TL-WR702N.
- Step 2**: Connect the other end of the provided USB cable to the power adapter.
- Step 3**: Plug in standard electrical wall socket directly to power the Router.
- Step 4**: For AP Mode and Router Mode, connect the LAN/WAN port of TL-WR702N to Internet with an Ethernet cable. For another modes, you can refer to the User Guide in the Resource CD.

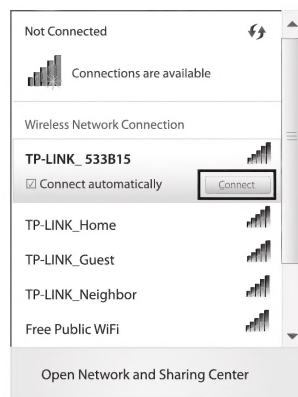
- If you are connecting the TL-WR702N directly to your **cable modem**, you must first power reset the modem and **wait until its ONLINE LED is solid**. Then use an ethernet cable to connect to your modem via the **LAN/WAN** port on the TL-WR702N.

If you are connecting the TL-WR702N to an existing network, simply plug the cable into the **LAN/WAN** port and to your network.

**In either case, wait until the LED is solid blue.**



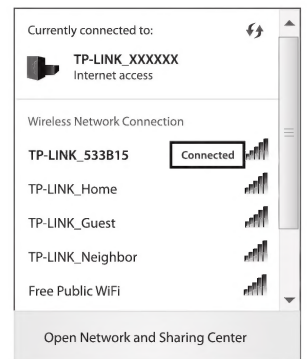
- Click the Wireless Network icon on your desktop (or ). Select the **Default SSID** of the TL-WR702N, then click **Connect**.



- Enter the **Default Password**, then click **OK** or **Next**.



- Congratulations! You have successfully connected to your network!

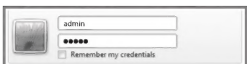


## Customizing your Wireless Network Name & Password (Optional)

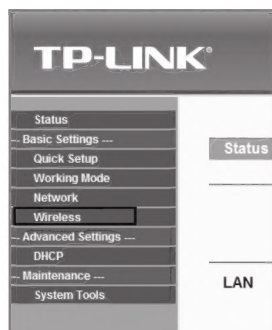
- Open a web browser and go to the page <http://tplinklogin.net>.



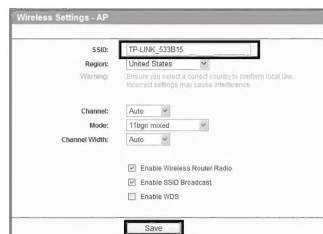
Enter the login username: **admin** and password: **admin**.



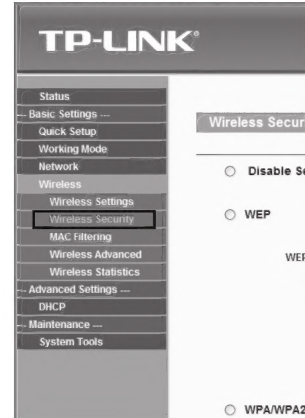
- To customise your Wireless Network Name, click on **"Wireless"** from the menu on the left.



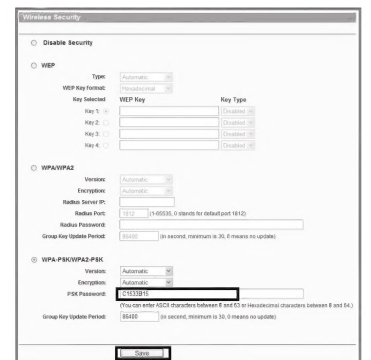
- In the **"SSID"** (wireless network name) box, type in your new Wireless Name. Then click **"Save"**.



- To customise your Wireless Password, click **"Wireless"** from the menu on the left, then click **"Wireless Security"**.



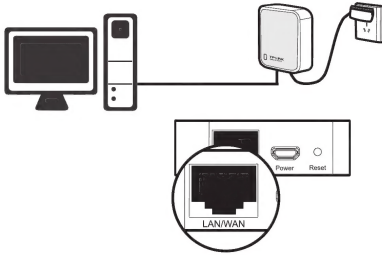
- In the **"PSK Password"** box under **"WPA-PSK/WPA2-PSK"** type in your new wireless password. Then click **"Save"**.





## Operating Mode Configuration

- 1 Plug your TL-WR702N into a power outlet and use its **LAN port** to connect your computer via Ethernet cable. **Disconnect from all wireless networks**, and **wait until the LED is solid blue**.



- 2 Open a web browser and go to the page <http://tplinklogin.net>.

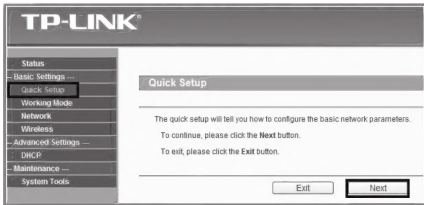


Enter the login username: **admin** and password: **admin**.

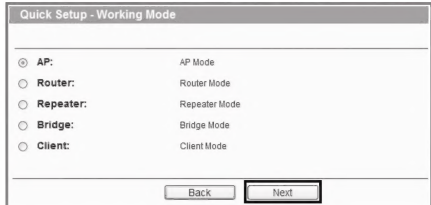


**Note** The login username and password are **case sensitive**.

- 3 After a successful login, click **“Quick Setup”** from the menu to configure your TL-WR702N. Click **“Next”**.

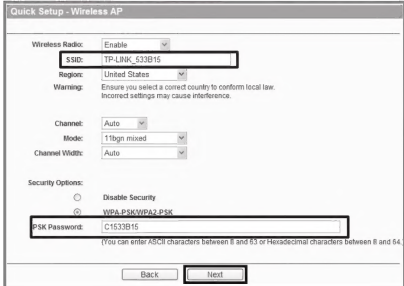


- 4 Choose the Working Mode you need, then click **“Next”** and refer to the sections below for further instruction.



### Access Point Mode (AP)

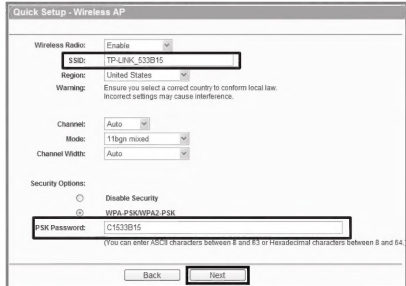
- 1 Set your wireless parameters. If desired, you may change your SSID (Wireless Network Name), Security Options, or Password. Click **“Next”** and then **“Reboot”**.



**Note** After the rebooting, reconnect to the network according to **“Instant Wireless Connection”**.

### Router Mode

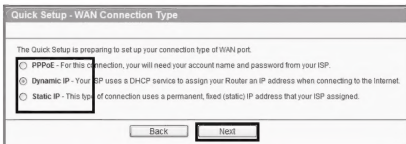
- 1 Set your wireless parameters. If desired, you may change your SSID (Wireless Network Name), Security Options, or Password. Click **“Next”** and then **“Reboot”**.



**Note** After the rebooting, reconnect to the network according to **“Instant Wireless Connection”**.

- 2 Choose your WAN Connection Type:

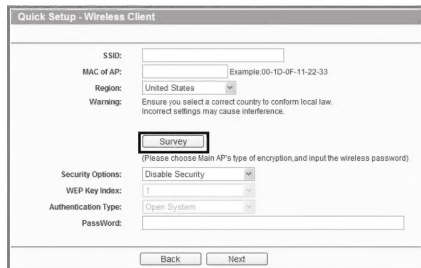
- If you select **PPPoE**, then enter the User Name and Password given to you by your ISP, and click **“Next”**.
- If you select **Dynamic IP**, then select YES to clone the MAC, if you are using a cable modem, and click **“Next”**.
- If you select **Static IP**, then enter the IP Address and Subnet Mask given to you by your ISP, and click **“Next”**.



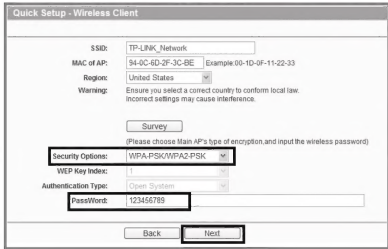
### Repeater/Client Mode

The examples illustrated below are from Client Mode, but the procedure is similar for Repeater Mode.

- 1 Click **“Survey”** button to find the available wireless networks. Then select the SSID of your target network and click **“Connect”**.



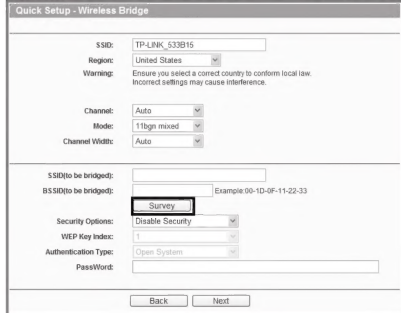
- 2 The target network's SSID will be automatically filled into the wireless setting page. Select the Security Mode and enter the Password. Click **“Next”** and then **“Reboot”**.



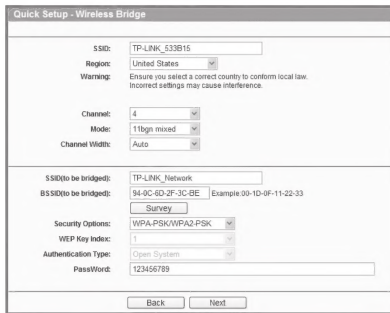
**Note** After the rebooting, reconnect to the network according to **“Instant Wireless Connection”**.

### Bridge Mode

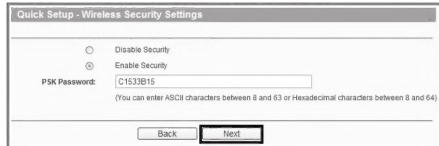
- 1 Click **“Survey”** button to find the available wireless networks. Then select the SSID of your target network and click **“Connect”**.



- 2 The target network's SSID will be automatically filled into the wireless setting page. Select the Security Mode and enter the Password. And then click **“Next”**.



- 3 This page is for setting wireless security of your own AP. When computers and mobile phones are connected to the AP, they should input the same password. It is recommended strongly to enable security. Click **“Next”** and then **“Reboot”**.



## Appendix 1: Repeater Mode

### Optimization Guide

When choosing an ideal location to optimize the performance of repeater mode, please keep the points below in mind.

#### • The Best Way is Half-Way

Generally, the ideal location for your TL-WR702N is half-way between your wireless router and your Wi-Fi enabled devices. If that is not possible, placing the TL-WR702N closer to your wireless router will ensure stable performance.



#### • Less Obstacles = Better Performance

Try to choose a location that will minimize the number of obstacles between the TL-WR702N and your wireless router. Open corridors or other spacious locations will typically provide better conditions for performance than a crowded room.

#### • Less Interference = More Stability

Try to choose a location that minimizes interference from devices operating on the same wireless frequency, such as cordless phones bluetooth devices, and microwave ovens.

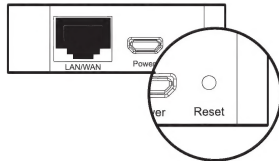
## Appendix 2: Troubleshooting

- 1 What can I do if I forget my password?

- Restore the TL-WR702N to its factory default settings (see below).
- To log in the Web Management page, use the default user name and password: admin, admin.
- To connect to the Wireless Network, use the default password on the label.
- Try to configure your Router once again by following the instructions in the previous steps of the QIG.

- 2 How do I restore my TL-WR702N to factory default settings?

With the Router powered on, use a pin to press and hold the Reset button for about 5 seconds.



**Note** Upon reset, the device will clear all previous configurations and **default to AP mode**.

- 3 I cannot access Internet via my Cable Modem. What do I do?

Set the TL-WR702N to Router Mode according to **Operating Mode Configuration**.

Reset the cable modem by powering it off, and then powering it back on. Wait until its ONLINE LED is solid. Next, unplug the TL-WR702N and plug it back in. This will allow you to access Internet in most cases.

- 4 What can I do if my wireless keeps dropping?

By default, your wireless channel setting is set to "auto". This setting causes the TL-WR702N to select the least congested channel between 1 and 11, allowing you to achieve the best performance.

You may be experiencing frequent wireless drops due to an often changing channel setting. In this case, setting your wireless channel setting to a static channel between 1 and 11 will prevent the wireless frequency from changing, and likely stabilize your network connection.

- 5 The TL-WR702N is on and I am connected, but I cannot access the Web Management Page through my browser.

You need change your computer's configuration settings to "obtain an IP address automatically" and "obtain DNS server address automatically".

Please refer to the instructions below:

#### For Windows 7:

- Go to **Start -> Control Panel -> View network status and tasks -> Change adapter settings**.
- Right click **“Wireless Network Connection”** or **“Local Area Connection”**, and select **“Properties”**.
- Double click **“Internet Protocol Version 4 (TCP/IPv4)”** in the list.
- Set the TCP/IP Protocol to **“Obtain an IP address automatically”**, then click **OK**.

#### For Windows 8:

- Go to **Metro Interface -> Control Panel -> View network status and tasks -> Change adapter settings**.
- Right click **“Wireless Network Connection”** or **“Local Area Connection”**, and select **“Properties”**.
- Double click **“Internet Protocol Version 4 (TCP/IPv4)”** in the list.
- Set the TCP/IP Protocol to **“Obtain an IP address automatically”**, then click **OK**.

## Appendix 2: Troubleshooting (Continued)

#### For Mac OS:

- Click the **Apple** icon on the upper left corner of your screen.
- Go to **System Preferences -> Network**.
- Select **“Airport”** from the left menu bar and then click **“Advanced”** for wireless configuration, or **“Ethernet”** for wired configuration.
- Set **“Configure IPv4”** to **“Using DHCP”**, then click **“Apply”**.

- 6 What can I do if my signal strength is low?

Low signal strength can be caused by obstruction from walls or objects. If you are receiving low signal strength, try to place your TL-WR702N in a higher location, keeping it away from obstructed locations like under or behind a desk.

Generally speaking, putting your TL-WR702N in a location central to your home will maximize your signal coverage.

- 7 What can I do if I want to switch the Operating Mode or change some settings?

In any time if you want to change the Operating Mode, please refer to the **“Operating Mode Configuration”** Section to change the mode. You may also change any settings via the Web management page.

## Technical Support

- For more troubleshooting help, go to [www.tp-link.com/en/support/faq](http://www.tp-link.com/en/support/faq)
- To download the latest Firmware, Driver, Utility and User Guide, go to <http://www.tp-link.com/en/support/download/>

For all other technical support, please contact us by using the following details:

#### Global

Tel: +86 755 2650 4400  
Fee: Depending on rate of different carriers, IDD.  
E-mail: support@tp-link.com  
Service time: 24hrs, 7 days a week

#### Singapore

Tel: +65 6284 0493  
Fee: Depending on rate of different carriers.  
E-mail: support.sg@tp-link.com  
Service time: 24hrs, 7 days a week

#### UK

Tel: +44 (0) 845 147 0017  
Fee: Landline: 1p-10.5p/min, depending on the time of day. Mobile: 15p-40p/min, depending on your mobile network.  
E-mail: support.uk@tp-link.com  
Service time: 24hrs, 7days a week

#### Ukraine

Tel: 0800 505 508  
Fee: Free for Landline; Mobile: Depending on rate of different carriers  
E-mail: support.ua@tp-link.com  
Service time: Monday to Friday 10:00 to 22:00

#### Italy

Tel: +39 023 051 9020  
Fee: Depending on rate of different carriers.  
E-mail: support.it@tp-link.com  
Service time: Monday to Friday, 09:00 to 13:00; 14:00 to 18:00

#### Indonesia

Tel: +62 (021) 6386 1936  
Fee: Depending on rate of different carriers.  
E-mail: support.id@tp-link.com  
Service time: Monday to Friday, 09:00 to 18:00  
\* Except public holidays

#### Germany / Austria

Tel: +49 1805 875 465 (German Service)  
+49 1805 TPLINK +43 820 820 360  
Fee: Landline from Germany: 0.14EUR/min.  
Landline from Austria: 0.20EUR/min.  
E-mail: support.de@tp-link.com  
Fee: 0.14 EUR/min from the German fixed phone network and up to 0.42 EUR/min from mobile phone.

Service Time: Monday to Friday, 09:00 to 12:30 and 13:30 to 17:30, GMT+1 or GMT+2 (DST in Germany)  
\* Except bank holidays in Hesse

#### Australia / New Zealand

Tel: AU 1300 87 5465 (Depending on 1300 policy.)  
NZ 0800 87 5465 (Toll Free)  
E-mail: support.au@tp-link.com (AU)  
support.nz@tp-link.com (NZ)  
Service time: 24hrs, 7 days a week

#### Turkey

Tel: 0850 7244 488 (Turkish Service)  
Fee: Depending on rate of different carriers.  
E-mail: support.tr@tp-link.com  
Service time: 09:00 to 21:00, 7days a week

#### USA / Canada

Toll Free: +1 866 225 8139  
E-mail: support.usa@tp-link.com  
Service time: 24hrs, 7days a week

#### Malaysia

Toll Free: 1300 88 875 465  
E-mail: support.my@tp-link.com  
Service time: 24hrs, 7days a week

#### Poland

Tel: +48 (0) 801 080 618 / +48 223 606 363 (if calls from mobile phone)  
Fee: Depending on rate of different carriers.  
E-mail: support.pl@tp-link.com  
Service time: Monday to Friday 09:00 to 17:00 PM. GMT+1 or GMT+2 (DST)

#### Brazil

Toll Free: 0800 608 9799 (Portuguese Service)  
E-mail: suporte.br@tp-link.com  
Service time: Monday to Friday, 09:00 to 20:00; Saturday, 09:00 to 15:00

#### Switzerland

Tel: +41 (0) 848 800 998 (German Service)  
Fee: 4-8 Rp/min, depending on rate of different time.  
E-mail: support.ch@tp-link.com  
Service time: Monday to Friday, 09:00 to 12:30 and 13:30 to 17:30. GMT+1 or GMT+2 (DST)

#### France

Tel: 0820 800 860 (French service)  
Fee: 0.118 EUR/min from France  
Email: support.fr@tp-link.com  
Service time: Monday to Friday 09:00 to 18:00 (Except French Bank holidays)

#### Russian Federation

Tel: 8 (499) 754 5560 (Moscow NO.) / 8 (800) 250 5560 (Toll-free within RF)  
E-mail: support.ru@tp-link.com  
Service time: From 10:00 to 18:00 (Moscow time)  
\*Except weekends and holidays in RF